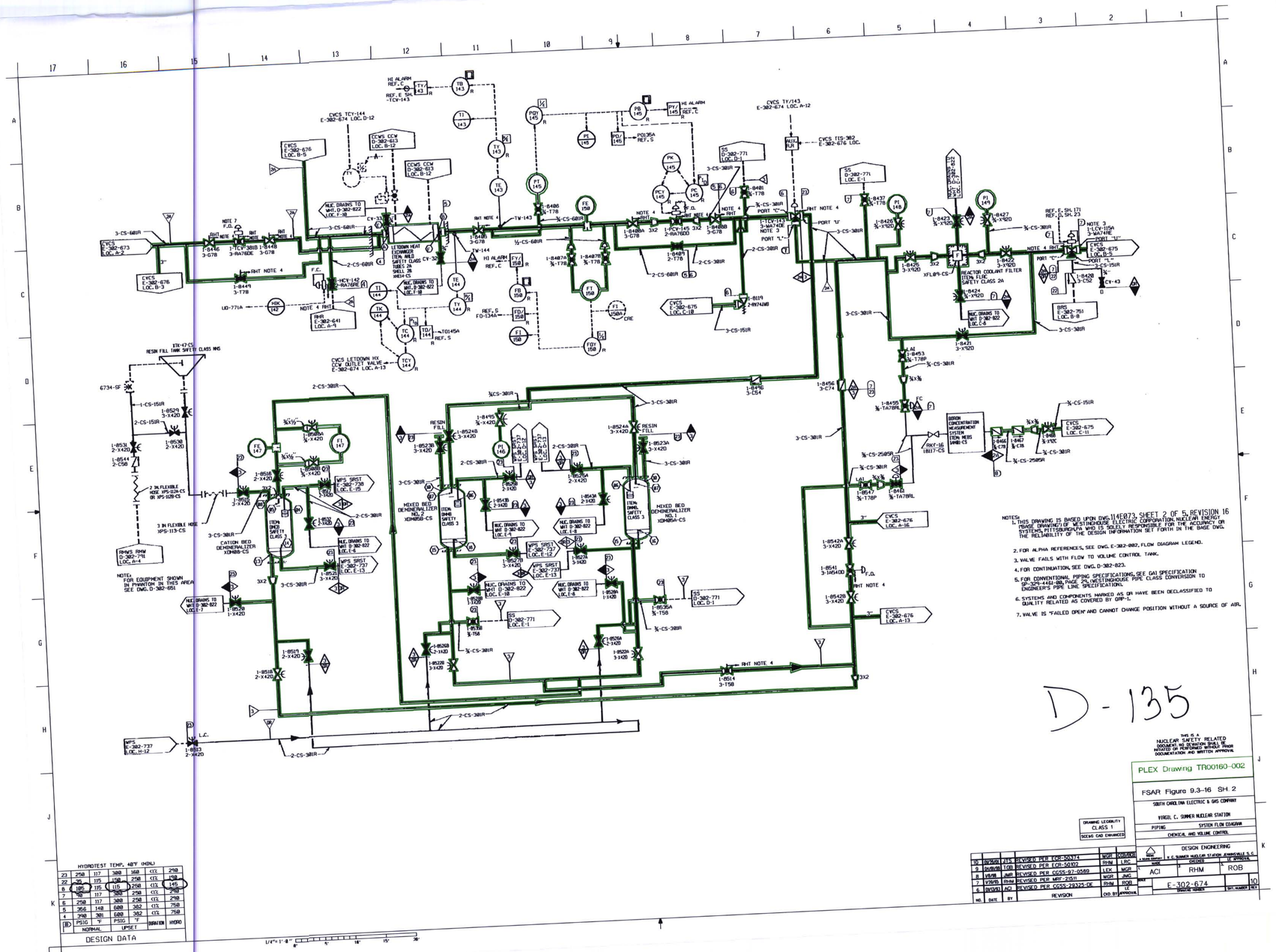

NOTES:

1. THIS DRAWING IS BASED UPON DWG-114E873, SHEET 2 OF 5, REVISION 16 (BASE DRAWING) OF WESTINGHOUSE ELECTRIC CORPORATION, NUCLEAR ENERGY SYSTEMS, PITTSBURGH,PA WHO IS SOLELY RESPONSIBLE FOR THE ACCURACY OR RELIABILITY OF THE DESIGN INFORMATION SET FORTH IN THE BASE DWG.
2. FOR ALPHA REFERENCES, SEE DWG. E-302-002, FLOW DIAGRAM LEGEND.
3. VALVE FAILS WITH FLOW TO VOLUME CONTROL TANK.
4. FOR CONTINUATION, SEE DWG. D-302-823.
5. FOR CONVENTIONAL PIPING SPECIFICATIONS, SEE GAI SPECIFICATION SP-302-4451-00, PAGE 25, WESTINGHOUSE PIPE CLASS CONVERSION TO ENGINEER'S PIPE LINE SPECIFICATION.
6. SYSTEMS AND COMPONENTS MARKED AS QR HAVE BEEN DECLASSIFIED TO QUALITY RELATED AS COVERED BY QRP-1.
7. VALVE IS "FAILED OPEN" AND CANNOT CHANGE POSITION WITHOUT A SOURCE OF AIR.

HYDROTEST TEMP. 48°F (MIN.)

23	258	117	388	168	<1%	258	
22	30	115	158	258	<1%	158	
8	185	115	115	258	<1%	145	
7	80	117	388	258	<1%	258	
6	258	117	388	258	<1%	258	
5	356	148	688	382	<1%	758	
4	398	381	688	382	<1%		
ID	PSIG	°F	PSIG	°F	DRAWING	HYDRO	
	NORMAL		UPSET				

DESIGN DATA

NO.	DATE	BY	REVISION	CKD. BY	APPROVAL
10	09/25/01	TTS	REVISED PER ECR-50974	MGR	ROB
9	06/06/01	TGD	REVISED PER ECR-50132	RHM	LBC
8	12/08/97	JMR	REVISED PER CCSS-97-0589	LEK	MGR
7	03/05/96	DHM	REVISED PER MRF-2511	MGR	JMC
6	06/09/93	ACI	REVISED PER CCSS-29325-DE	RHM	ROB

DRAWING LEGIBILITY CLASS 1
DCEIG CAD ENHANCED

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PLEX Drawing TR00160-002

FSAR Figure 9.3-16 SH. 2

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION

PIPING — SYSTEM FLOW DIAGRAM

CHEMICAL AND VOLUME CONTROL

DESIGN ENGINEERING

V. C. SUMMER NUCLEAR STATION JENKINSVILLE, S.C.

DRAWN	CHECKED	DESIGN ENGINEER	VC APPROVAL
ACI	RHM	ROB	

E-302-674 — 10

DRAWING NUMBER — SHT. NUMBER — REV.